

Abstract of the Disclosure

Immunologically active peptides which are derived from a novel immunodeficiency virus which has the designation MVP5180/91 are described. A diagnostic composition containing such a peptide and methods of detecting an antibody against a retrovirus that causes immune deficiency using such diagnostic composition are also described. A kit containing the immunologically active peptides is also described. An immunogen and method of immunizing a mammal against HIV infection using the immunologically active peptides is described. DNA encoding the peptides and methods of detecting nucleic acids encoding HIV viruses are also described.

$\begin{pmatrix} a_{11} \\ a_{12} \\ a_{13} \\ a_{14} \\ a_{15} \\ a_{16} \\ a_{17} \\ a_{18} \\ a_{19} \\ a_{20} \\ a_{21} \\ a_{22} \\ a_{23} \\ a_{24} \\ a_{25} \\ a_{26} \\ a_{27} \\ a_{28} \\ a_{29} \\ a_{30} \\ a_{31} \\ a_{32} \\ a_{33} \\ a_{34} \\ a_{35} \\ a_{36} \\ a_{37} \\ a_{38} \\ a_{39} \\ a_{40} \\ a_{41} \\ a_{42} \\ a_{43} \\ a_{44} \\ a_{45} \\ a_{46} \\ a_{47} \\ a_{48} \\ a_{49} \\ a_{50} \\ a_{51} \\ a_{52} \\ a_{53} \\ a_{54} \\ a_{55} \\ a_{56} \\ a_{57} \\ a_{58} \\ a_{59} \\ a_{60} \\ a_{61} \\ a_{62} \\ a_{63} \\ a_{64} \\ a_{65} \\ a_{66} \\ a_{67} \\ a_{68} \\ a_{69} \\ a_{70} \\ a_{71} \\ a_{72} \\ a_{73} \\ a_{74} \\ a_{75} \\ a_{76} \\ a_{77} \\ a_{78} \\ a_{79} \\ a_{80} \\ a_{81} \\ a_{82} \\ a_{83} \\ a_{84} \\ a_{85} \\ a_{86} \\ a_{87} \\ a_{88} \\ a_{89} \\ a_{90} \\ a_{91} \\ a_{92} \\ a_{93} \\ a_{94} \\ a_{95} \\ a_{96} \\ a_{97} \\ a_{98} \\ a_{99} \\ a_{100} \end{pmatrix}$